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1 [DoS and authentication in wireless public access networks](#)



Daniel B. Faria, David R. Cheriton

September WiSE '02: Proceedings of the 1st ACM workshop on Wireless security 2002

Publisher: ACM

Full text available: Pdf (272.24 KB)

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Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 188, Citation Count: 6

As WEP has been shown to be vulnerable to multiple attacks, a huge effort has been placed on specifying an access control mechanism to be used in wireless installations. However, properties of the wireless environment have been exploited to perform multiple ...

Keyw ords: DoS, security, wireless networks

2 A peer-to-peer approach to wireless LAN roaming



Elias C. Efstathiou, George C. Polyzos

September 2003 WMASH '03: Proceedings of the 1st ACM international workshop on
Wireless mobile applications and services on WLAN hotspots

Publisher: ACM

Full text available: Pdf (279.70 KB)

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We make the case for a Global Confederation of Peer-to-Peer (P2P) Wireless Local Area Networks. A P2P Wireless Network Confederation (P2PWNC) is a community of administrative domains that offer wireless Internet access to each other's registered users. ...

Keyw ords: P2P, WISP, WLAN, Wi-Fi, incentives, mixes, privacy, roaming

3 Wireless hotspots: current challenges and future directions



Anand Balachandran, Geoffrey M. Voelker, Paramvir Bahl

September 2003 WMASH '03: Proceedings of the 1st ACM international workshop on
Wireless mobile applications and services on WLAN hotspots

Publisher: ACM

Full text available: Pdf (117.89 KB)

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Bibliometrics: Downloads (6 Weeks): 23, Downloads (12 Months): 184, Citation Count: 5

In recent years, wireless Internet service providers (WISPs) have established Wi-Fi hotspots in increasing numbers at public venues, providing local coverage to traveling users and empowering them with the ability to access email, Web, and other Internet ...

4 Middleware for context sensitive mobile applications

K. A. Hawick, H. A. James

January 2003 ACSW Frontiers '03: Proceedings of the Australasian information
security workshop conference on ACSW frontiers 2003 - Volume 21,
Volume 21

Publisher: Australian Computer Society, Inc.

Full text available: Pdf (916.67 KB)


Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
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Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 74, Citation Count: 2

Contextual information such as spatial location can significantly enhance the utility of mobile applications. We introduce the concept of active preferences that represent a combination of user preference information and choices combined with spatial ...


Keyw ords: location context, middleware, mobile devices, personal context

5 Securing IPv6 neighbor and router discovery

 Jari Arkko, Tuomas Aura, James Kempf, Vesa-Matti Mäntylä, Pekka Nikander, Michael Roe

September WiSE '02: Proceedings of the 1st ACM workshop on Wireless security 2002

Publisher: ACM

Full text available:  Pdf (113.58 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 143, Citation Count: 6

When IPv6 Neighbor and Router Discovery functions were defined, it was assumed that the local link would consist of mutually trusting nodes. However, the recent developments in public wireless networks, such as WLANs, have radically changed the situation. ...

Keyw ords: autoconfiguration, detection, duplicate address, identity-based cryptosystems, neighbor discovery, router discovery

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